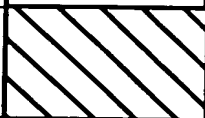
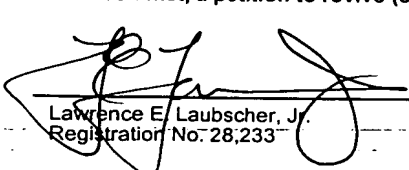


TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 23710
INTERNATIONAL APPLICATION NO. PCT/CA2003/001111	INTERNATIONAL FILING DATE 23/07/2003	U.S. APPLICATION NO. (If known, see 37 CFR 1.51) 60/398,049
TITLE OF INVENTION AUTOMATIC DETECTION AND RESOLUTION OF FIBER CABLING ERRORS IN OPTICAL NETWORKS		PRIORITY DATE CLAIMED 24/07/2002
APPLICANT(S) FOR DO/EO/US: DOLBEC, Jean; DUBUC, Martin; GAUDET, Robert; KOSTER, Kirby; MACLEAN, Douglas James; and MISTRY, Aravind Keshav		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1.	<input checked="" type="checkbox"/>	This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.
2.	<input type="checkbox"/>	This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.
3.	<input type="checkbox"/>	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4.	<input checked="" type="checkbox"/>	The US has been elected by the expiration of 19 months from the priority date (Article 31).
5.	<input checked="" type="checkbox"/>	A copy of the International Application as filed (35 U.S.C. 371(c)(2))
	a.	<input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).
	b.	<input checked="" type="checkbox"/> has been communicated by the International Bureau.
	c.	<input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).
6.	<input type="checkbox"/>	An English translation of the International Application as filed (35 U.S.C. 371(c)(2)).
	a.	<input type="checkbox"/> is attached hereto.
	b.	<input type="checkbox"/> has been previously submitted under 35 U.S.C. § 154(d)(4).
7.	<input type="checkbox"/>	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
	a.	<input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).
	b.	<input type="checkbox"/> have been communicated by the International Bureau.
	c.	<input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.
	d.	<input type="checkbox"/> have not been made and will not be made.
8.	<input type="checkbox"/>	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9.	<input type="checkbox"/>	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10.	<input type="checkbox"/>	An English translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).
Items 11 to 20 below concern document(s) or information included:		
11.	<input type="checkbox"/>	An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12.	<input type="checkbox"/>	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13.	<input type="checkbox"/>	A preliminary amendment.
14.	<input checked="" type="checkbox"/>	An Application Data Sheet under 37 CFR 1.76.
15.	<input type="checkbox"/>	A substitute specification.
16.	<input type="checkbox"/>	A power of attorney and/or change of address letter.
17.	<input type="checkbox"/>	A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
18.	<input type="checkbox"/>	A second copy of the published international application under 35 U.S.C. § 154(d)(4).
19.	<input type="checkbox"/>	A second copy of the English language translation of the international application under 35 U.S.C. § 154(d)(4).
20.	<input checked="" type="checkbox"/>	Other items or information: Copy of published application No. WO 2004/010625 A2; Copy of International Search Report

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 60/398,049		INTERNATIONAL APPLICATION NO. PCT/CA2003/001111		ATTORNEY'S DOCKET NO. 23710	
21. The following fees are submitted: <input checked="" type="checkbox"/> a) Basic National fee \$300.00 <input type="checkbox"/> b) Examination fee \$200.00 <input type="checkbox"/> c) Search fee \$500.00 TOTAL OF ABOVE CALCULATIONS = \$1000.00				Applicant use	Office use only
				\$ 300	
				\$	
				\$	
				\$ 300	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
36 - 100 =	/50 =		X \$250.00	\$ 0	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	19- 20 =	0	X \$50.00	\$ 0	
Independent claims	2 + 3 =	0	X \$200.00	\$ 0	
MULTIPLE DEPENDENT CLAIMS(S) (if applicable)			+ \$360.00	\$ 0	
TOTAL OF ABOVE CALCULATIONS =				\$ 0	
<input type="checkbox"/> Applicant claims small entity status under 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	
SUBTOTAL =				\$ 300	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.49(f)).				\$	
TOTAL NATIONAL FEE =				\$ 300	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$	
TOTAL FEES ENCLOSED =				\$ 300	
Amount to be refunded:					
Amount to be charged:					
a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. 501936 in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 501936 . A duplicate copy of this sheet is enclosed. d. <input checked="" type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
NOTE: Where an appropriate time limit under 37 CFR § 1.494 or 1.495 has not been met, a petition to revive (37 CFR § 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.					
SEND ALL CORRESPONDENCE TO:					
Customer No. 24932 Laubscher Severson 1160 Spa Road, Suite 2B Annapolis, MD 21403 Telephone: (410) 280-6608 Fax: (410) 280-6758			 Lawrence E. Laubscher, Jr. Registration No. 28,233		

10/522201
DT01 Rec'd PCT/PTO 21 JAN 2005

PRIORITY:

U.S. PATENT APPLN. NO. 60/398,049
Filed July 24, 2002

The following documents are attached:

- Copy of Request
- Copy of published PCT application (PCT/CA2003/001111)
- Copy of the International Search Report

Please confirm receipt of these instructions by facsimile.

Yours very truly,

Mark Budd

S. Mark Budd
SMB:ci
Enc. – via courier